SEQUENCE LISTING

<110> Wu, Jingrui

<120> Water-Deficit-TolerantTransgenic Plants

<130> 38-21(52578)C

<140> US 10/678,588
<141> 2003-10-02

<150> US 60/415,758
<151> 2002-10-02

<150> US 60/425,157
<151> 2002-11-08

<150> US 60/463,787
<151> 2003-04-11

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<170> PatentIn version 3.2

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Asp Ala Lys Glu Thr Val Gln Glu Cys Val Ser Glu Phe Ile Ser Phe
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Ile Thr Ser Glu Ala Ser Asp Lys Cys Gln Arg Glu Lys Arg Lys Thr
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Ile Asn Gly Asp Asp Leu Leu Trp Ala Met Ala Thr Leu Gly Phe Glu
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Asp Tyr Ile Glu Pro Leu Lys Val Tyr Leu Gln Lys Tyr Arg Glu Met
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Glu Cys Val Ser Glu Phe Ile Ser Phe Ile Thr Ser Glu Ala Ser Asp
65   70   75   80

Lys Cys Gln Arg Glu Lys Arg Lys Thr Ile Asn Gly Asp Asp Leu Leu
              85   90   95

Trp Ala Met Ala Thr Leu Gly Phe Glu Asp Tyr Ile Glu Pro Leu Lys
              100   105   110

Val Tyr Leu Gln Lys Tyr Arg Glu Met Glu Gly Asp Ser Lys Leu Thr
          115   120   125

Ala Lys Ser Ser Asp Gly Ser Ile Lys Lys Asp Ala Leu Gly His Val
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Gly Ala Ser Ser Ser Ala Ala Glu Gly Met Gly Gln Gln Gly Ala Tyr
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Ser Asn

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Gly Lys Ile Ala Lys Asp Ala Lys Asp Thr Met Gln Glu Cys Val Ser
    50                  55                  60


Glu Phe Ile Ser Phe Ile Thr Ser Glu Ala Ser Glu Lys Cys Gln Lys
65                  70                  75                  80


Glu Lys Arg Lys Thr Ile Asn Gly Asp Asp Leu Leu Trp Ala Met Ala
            85                  90                  95


Thr Leu Gly Phe Glu Asp Tyr Ile Glu Pro Leu Lys Val Tyr Leu Ala
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Arg Tyr Arg Glu Ala Glu Gly Asp Thr Lys Gly Ser Ala Arg Ser Gly
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Asp Gly Ser Ala Thr Pro Asp Gln Val Gly Leu Ala Gly Gln Asn Ser
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            35   40   45

Ala Lys Asp Thr Val Gln Glu Cys Val Ser Glu Phe Ile Ser Phe Ile
    50   55   60

Thr Ser Glu Ala Ser Asp Lys Cys Gln Lys Glu Lys Arg Lys Thr Val
65   70   75   80

Asn Gly Asp Asp Leu Leu Trp Ala Met Ala Thr Leu Gly Phe Glu Asp
                85   90   95

Tyr Leu Glu Pro Leu Lys Ile Tyr Leu Ala Arg Tyr Arg Glu Leu Glu
            100   105   110

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Lys Lys Ala Leu Pro Xaa Asn Gly Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
            20   25   30

Ile Ala Lys Asp Ala Lys Xaa Thr Xaa Gln Glu Cys Val Ser Glu Phe
        35   40   45

Ile Ser Phe Ile Thr Ser Glu Ala Ser Xaa Lys Cys Gln Xaa Glu Lys
    50   55   60

Arg Lys Thr Ile Asn Gly Asp Asp Leu Leu Trp Ala Met Ala Thr Leu
65   70   75   80

Gly Phe Glu Asp Tyr Ile Glu Pro Leu Lys Val Tyr Leu Xaa Xaa Tyr
            85   90   95

Arg Glu Xaa Glu Gly
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Gln Gln Gly Ala Tyr Asn Gln Gly Met Gly Tyr Met Gln Pro Gln Tyr
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His Asn Gly Asp Ile Ser Asn
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